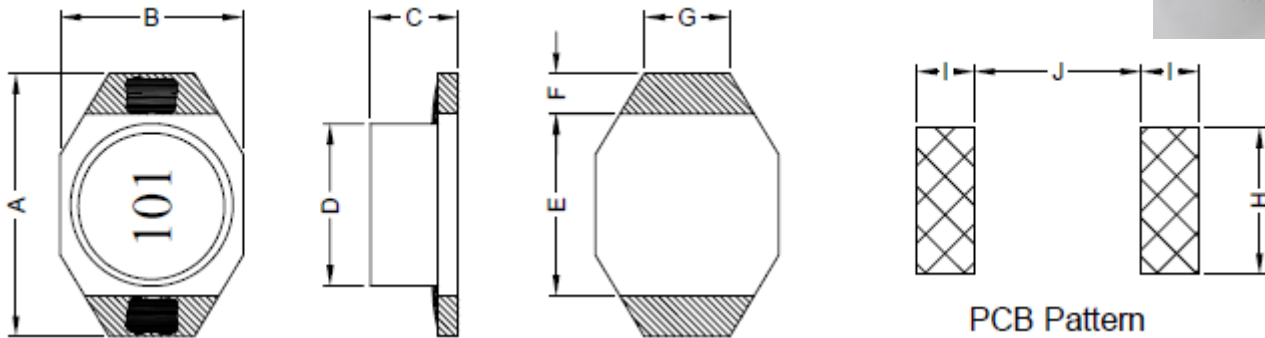


SMD POWER INDUCTORS

SERIE: TLS1608 4,45 x 6,6 x 2,92 mm

DIMENSIONS:

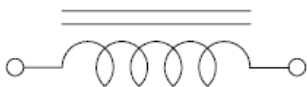
VPE: 2000pcs.



Unit: mm

A	B	C	D	E	F	G	H	I
6,6 Max	4,45 Max.	2,92 Max.	3,90 ± 0,3	4,32 ± 0,3	1,02 ± 0,2	1,27 ± 0,2	3,56 Ref.	1,40 Ref.
J								
4,06 Ref.								

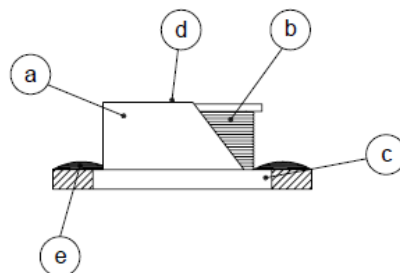
SCHEMATIC:



GENERAL SPECIFICATION :

- 1- Rated current: Base on temp. rise & $\Delta L/L0A = 30\%$ Max
- 2- Operating temp.: -40°C to + 85°C
- 3- Storage temp.: -40°C to + 125°C
- 4- Resistance to solder heat : 260°C 10sec.

Materials :



- (a) Core
- (b) Wire
- (c) Base
- (d) Ink
- (e) Epoxy

NOTE : Specifications subject to change without notice. Please check our website for latest information

SMD POWER INDUCTORS

SERIE: TLS1608 4,45 x 6,6 x 2,92 mm



ELECTRICAL CHARACTERISTICS:

Part No.	Inductance (μ H)		Test Frequency (Hz.)	RDC (m Ω) Max	IDC (A)
TLS1608 - 1R0SWE	1,0	$\pm 20\%$	0,1V / 100K	40	1,4
TLS1608 - 1R5SWE	1,5	$\pm 20\%$	0,1V / 100K	45	0,93
TLS1608 - 2R2SWE	2,2	$\pm 20\%$	0,1V / 100K	50	0,92
TLS1608 - 3R3SWE	3,3	$\pm 20\%$	0,1V / 100K	55	0,75
TLS1608 - 4R7SWE	4,7	$\pm 20\%$	0,1V / 100K	60	0,58
TLS1608 - 6R8SWE	6,8	$\pm 20\%$	0,1V / 100K	65	0,58
TLS1608 - 8R2SWE	8,2	$\pm 20\%$	0,1V / 100K	70	0,47
TLS1608 - 100SWE	10	$\pm 20\%$	0,1V / 100K	75	0,37
TLS1608 - 150SWE	15	$\pm 20\%$	0,1V / 100K	90	0,31
TLS1608 - 220SWE	22	$\pm 20\%$	0,1V / 100K	110	0,3
TLS1608 - 330SWE	33	$\pm 20\%$	0,1V / 100K	190	0,24
TLS1608 - 470SWE	47	$\pm 20\%$	0,1V / 100K	230	0,24
TLS1608 - 680SWE	68	$\pm 20\%$	0,1V / 100K	290	0,17
TLS1608 - 101SWE	100	$\pm 20\%$	0,1V / 100K	480	0,13
TLS1608 - 151SWE	150	$\pm 20\%$	0,1V / 100K	590	0,1
TLS1608 - 221SWE	220	$\pm 20\%$	0,1V / 100K	880	0,1
TLS1608 - 331SWE	330	$\pm 20\%$	0,1V / 100K	1400	0,07
TLS1608 - 471SWE	470	$\pm 20\%$	0,1V / 100K	1800	0,06
TLS1608 - 681SWE	680	$\pm 20\%$	0,1V / 100K	2800	0,055
TLS1608 - 102SWE	1000	$\pm 20\%$	0,1V / 100K	4200	0,045
TLS1608 - 122SWE	1200	$\pm 20\%$	0,1V / 100K	5200	0,035
TLS1608 - 222SWE	2200	$\pm 20\%$	0,1V / 100K	8500	0,028
TLS1608 - 332SWE	3300	$\pm 15\%$	0,1V / 100K	11000	0,024
TLS1608 - 472SWE	4700	$\pm 15\%$	0,1V / 100K	13900	0,021
TLS1608 - 682SWE	6800	$\pm 15\%$	0,1V / 100K	25000	0,019
TLS1608 - 103SWE	10000	$\pm 10\%$	0,1V / 100K	38200	0,017

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